

CLAIMS

1. An anti-stick device for safely maneuvering an
5 injection needle through the skin for the purpose
of feeding a chamber implanted under the skin,
this needle being bent and having a perforating
distal branch and a proximal feed branch which
10 forms a bend with the perforating branch, this
device being composed of a wall formed by
articulated panels (1, 2, 3) which allow the wall
to be brought into a configuration in which one of
the panels called the needle-holding panel (2) is
15 folded down onto another panel (1) called the base
panel and in which a third panel (3) called the
covering panel is folded down onto the needle-
holding panel and fixed to it, and to be brought
into a configuration in which the needle-holding
20 panel and the covering panel fixed to one another
are distanced from the base panel and form,
between themselves and said base panel, a space
which is sufficient to contain the distal branch
(D) of the needle, the base panel (1) and the
25 needle-holding panel (2) having respective holes
(4, 6) which permit passage of the distal branch
of the needle and which coincide when the panels
are applied onto one another, in such a way that
the distal branch can be introduced into the holes
30 of the panels folded down one on top of the other
until the proximal branch of the needle rests on
the needle-holding panel, the covering panel being
able to cover the proximal branch (P) of the
needle when it is folded down onto the needle-
35 holding panel, the base panel (1) determining a
central zone (1a) including said hole (4) of the
panel and four lateral branches lying opposite one
another in pairs and perpendicular to one another
in pairs, and the needle-holding panel (2) forming

two lateral lugs (2a, 2b) which can be lifted to permit manual gripping of the device at the time of puncture and at the time of withdrawal of the needle, characterized in that the base panel (1) is manufactured in such a shape that two opposite lateral branches (1b, 1d) of the panel have a curvature facilitating application of these branches on the skin in line with the implanted chamber, and such that the two other opposite lateral branches (1c, 1e) of the panel are capable of being bent at will under the pressure exerted by two fingers of a hand in order to press these branches onto the skin and the chamber so as to hold the chamber in place when the operator withdraws the needle with his other hand, and in that the needle-holding panel (2) and the covering panel (3) are contiguous, respectively, with one or other of the pre-curved branches (1b, 1d) of the base panel and have, from manufacture, a curvature which is the opposite of the curvature of said branches so as to match the curvature of the branches when they are folded down onto the base panel.

2. The device as claimed in claim 1, which comprises a disk (8) of very hard plastic material attached to and fixed on one (1d) of the pre-curved lateral branches of the base panel (1), this disk having a relief (9) chosen to prevent slipping of the tip of the needle when this tip is brought into contact with the disk after retraction of the needle into the device.

3. The device as claimed in claim 1 or claim 2, and in which the opposite bendable branches (1c, 1e) of the base panel (1) have reliefs (5) facilitating application of the fingers on these branches.

4. The device as claimed in one of claims 1 through 3, in which the liftable lugs (2a, 2b) of the needle-holding panel (2) are equipped with means (11) which cooperate in order to keep the two lugs applied against one another when so desired.
- 5
5. The device as claimed in one of claims 1 through 4, in which the covering panel (3) is shaped to constitute a channel (7) able to receive an adhesive and to cover the proximal branch (P) of the needle when this panel is applied to the needle-holding panel.
- 10
6. The device as claimed in one of claims 1 through 5, in which said wall is formed by a sheet of flexible plastic material which has been cut out and pre-formed.
- 15
7. The device as claimed in one of claims 1 through 6, supplied in a pouch in which the wall is laid substantially flat.
- 20
8. The device as claimed in claim 7 and comprising, also inside the pouch, the needle and a cap for shielding the beveled edge of the needle.
- 25